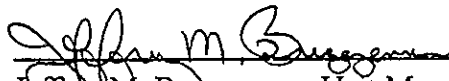


Meeting Minutes Transmittal


Unit Managers' Meeting
183-H Solar Evaporation Basins
Federal Building, Room 784-B
Richland, Washington

Meeting Held June 22, 1995
From 3 to 4 p.m.

The undersigned indicate by their signatures that these meeting minutes reflect the actual occurrences of the above dated Unit Managers' Meeting.

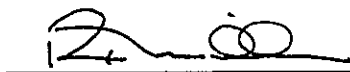

Jeffrey M. Bruggeman, Unit Manager, RL

DATE: 14 Feb 96


Robert E. Cordts, Unit Manager, Washington State Department of Ecology

DATE: 26 Feb 96

183-H Solar Evaporation Basins Closure, Contractor Concurrence:


Contractor Representative, ERC

DATE: 14 Feb. 96

Purpose: Discuss Permitting Process

Meeting Minutes are attached. The minutes are comprised of the following:

- Attachment 1 - Agenda
- Attachment 2 - Summary of Discussion and Commitments / Agreements
- Attachment 3 - Attendance List
- Attachment 4 - Action Items



Attachment 1

**Unit Manager's Meeting
183-H Solar Evaporation Basins
Federal Building, Room 784-B
Richland, Washington**

**Meeting Held June 22, 1995
From 3 to 4 p.m.**

Agenda

1. Approval of Past UMM Minutes
 - The May 1995 UMM minutes are presented for approval.
2. Status Open Action Items
 - 09-20-94:2 Nitrate Cleanup Level
 - 12-15-94:2 Method A versus Method B for arsenic cleanup
 - 01-26-95:4 Listed Waste Letter
 - 03-06-95:1 Residue Sampling
3. Closure Activities / Planning
 - Schedule
 - Closure Strategy
 - Soil Cleanup Criteria
 - Summary of open and resolved issues
4. New Business
5. Set Next Meeting Date

Attachment 2

**Unit Manager's Meeting
183-H Solar Evaporation Basins
Federal Building, Room 784-B
Richland, Washington**

**Meeting Held June 22, 1995
From 3 to 4 p.m.**

Summary of Discussion and Commitments / Agreements

1. The May UMM minutes were presented for approval by the Unit Managers.
2. Status Action Items
 - 09-20-94:2 Nitrate Cleanup Level
[It was agreed that the cleanup level is 100 times MCL(4.4) or 4400. This item is closed.]
 - 12-15-94:2 Method A Table vs. Method B for Arsenic Cleanup
[B. Cordts has discussed the issue with Ecology's Toxic Branch. It has been determined that 20 mg/kg is the appropriate cleanup level. This item is closed.]
 - 01-26-95:4 Listed Waste Letter
[Correspondence from RL to the EPA has been sent requesting a contained-in determination by July 12, 1995. EPA has no status of the determination at this time.]
 - 03-06-95:1 Residue Sampling
[A discussion was made on the necessity of sampling for listed waste in the residue. Ecology recognizes that the paper calculations indicate that listed waste is not a concern; however, Ecology feels that it is not unreasonable to verify by samples. R. Miller stated it would be addressed in the sampling and analysis plan.]
3. Status Closure Activities / Planning
 - Schedule
[R. Miller provided the current decontamination schedule.]
 - Clearwell Oil Spill
[R. Miller explained that approximately 40 gallons of hydraulic fluid was lost in the clearwells when a hose broke on the Linkbelt that was placing debris against the north wall. The oil was not reported in accordance with BHI procedures nor was it cleaned up. R. Miller stated the incident was being investigated.]

- Summary of Open and Resolved Issues

4. New Business

- Cleanup levels for sulfate

[A 183-H soils cleanup criteria presentation will be held for RL on June 29, 1995. Upon comments received, the presentation will be made to the regulators. R. Miller requested that interested parties review their calendars as the presentation would be made at Hanford. A meeting was tentatively scheduled for July 13, 1995. The Unit Managers meeting would be held at the same time.]

5. Set Next Meeting Date

[The next meeting was tentatively set for July 13.]

Attachment 3

Pre-Unit Manager's Meeting
183-H Solar Evaporation Basins
Federal Building, Room 784-B
Richland, Washington

Meeting Held June 22, 1995
From 3 to 4 p.m.

Attendance List

NAME	ORGANIZATION	PHONE #
Dev Miller	ERC	373-4592
Jeff Bruggeman	DOE	376-7121
ELLEN MATTLIN	DOE-KL	376-2385
JOAN K. BARTZ	GSSC	372-2008
KATHY KNOX	WHC	372-3596
BOB CORDTS	ECOLOGY	
	via teleconference	
DAN DUNCAN	EPA	
	via telephone	
Janet Badger	ERC	372-9033

Attachment 3

**Pre-Unit Manager's Meeting
183-H Solar Evaporation Basins
Federal Building, Room 784-B
Richland, Washington**

Meeting Held June 22, 1995
From 3 to 4 p.m.

Attendance List

[illegible]

Attachment 4

**Unit Manager's Meeting
183-H Solar Evaporation Basins
Federal Building, Room 784-B
Richland, Washington**

**Meeting Held June 22, 1995
From 3 to 4 p.m.**

Open Action Items

<u>Action Item #</u>	<u>Description</u>
01-26-95:4	Listed Waste Letter. Ecology/EPA need concurrence.
03-06-95:1	ERC will investigate the vanadium levels.

Closed Action Items

<u>Action Item #</u>	<u>Description</u>
03-02-93:1	WHC will make a proposal for closure of the 183-H basins that will include a new closure date. As a result of contractor change, this action is conferred to ERC.
08-18-94:1	ERC will issue a letter requesting that the concrete be released from consideration as listed waste. Due September 1, 1994.
09-20-94:1	Ecology will evaluate debris rule compliance of 6 mm basin concrete removal with a fractional area of resistant aggregate protruding above the 6 mm level. This Action Item is CLOSED (November 1, 1994).
09-20-94:2	Ecology will provide means to produce a direct soil exposure nitrate cleanup level, assuming that the value calculated from WAC 173-340-740(3)(a)(ii) is unacceptable. - B. Cordts to review and comment. - ERC to present alternatives for nitrate cleanup levels.

09-20-94:3 ERC will provide letter(s) addressing compliance with the Hanford Facility RCRA Permit conditions (V.I.B.g, V.I.B.j, and V.I.B.k).

09-20-94:4 Ecology will review the 183-H Data Evaluation Report.

12-15-94:1 Ecology: Are the statistics of WAC 173-340-740(7)(d) applicable to MTCA cleanup levels?

12-15-94:2 Ecology: Since the MTCA method B arsenic cleanup level is less than background, can we use the Method A Table, which is based on state background?
-B. Cordts to review and comments.

12-15-94:3 Ecology: Comment on existing stage of closure proposal, with particular focus on our recommendations for cleanup levels / strategy for constituents without MTCA method B cleanup levels.

12-15-94:4 ERC: Have staff toxicologist review the nitrate cleanup level produced by WAC 173-340-740(3)(a)(iii) and propose direct soil cleanup level and rational.

12-15-94:5 ERC: Finalize Data Evaluation Report and submit final by March 28, in order to satisfy the Hanford RCRA Permit condition V.I.B.g and V.I.B.j. Closed. See 09-20-94:3

12-15-94:6 ERC: Continue development of closure proposal.

12-15-94:7 ERC: Compare statistical guidance of Ecology, from Toxics Cleanup Program with our current MTCA-based method.
B. Cordts to review and comment.

12-15-94:8 ERC: Make sure that our cleanup level / extent method is consistent with CERCLA.

01-26-95:1 Groundwater monitoring compliance. J. Badden/R. Miller
We are not presently in compliance with the permit. Working with Mary Hartman and Legal for immediate compliance and proposing a new monitoring plan.

01-26-95:2 Cleanup level for arsenic. B. Cordts to concur. Tracked through 12-15-94:2.

01-26-95:3 Cleanup strategy for operable units. N. Werdel to issue copies.

01-26-95:5

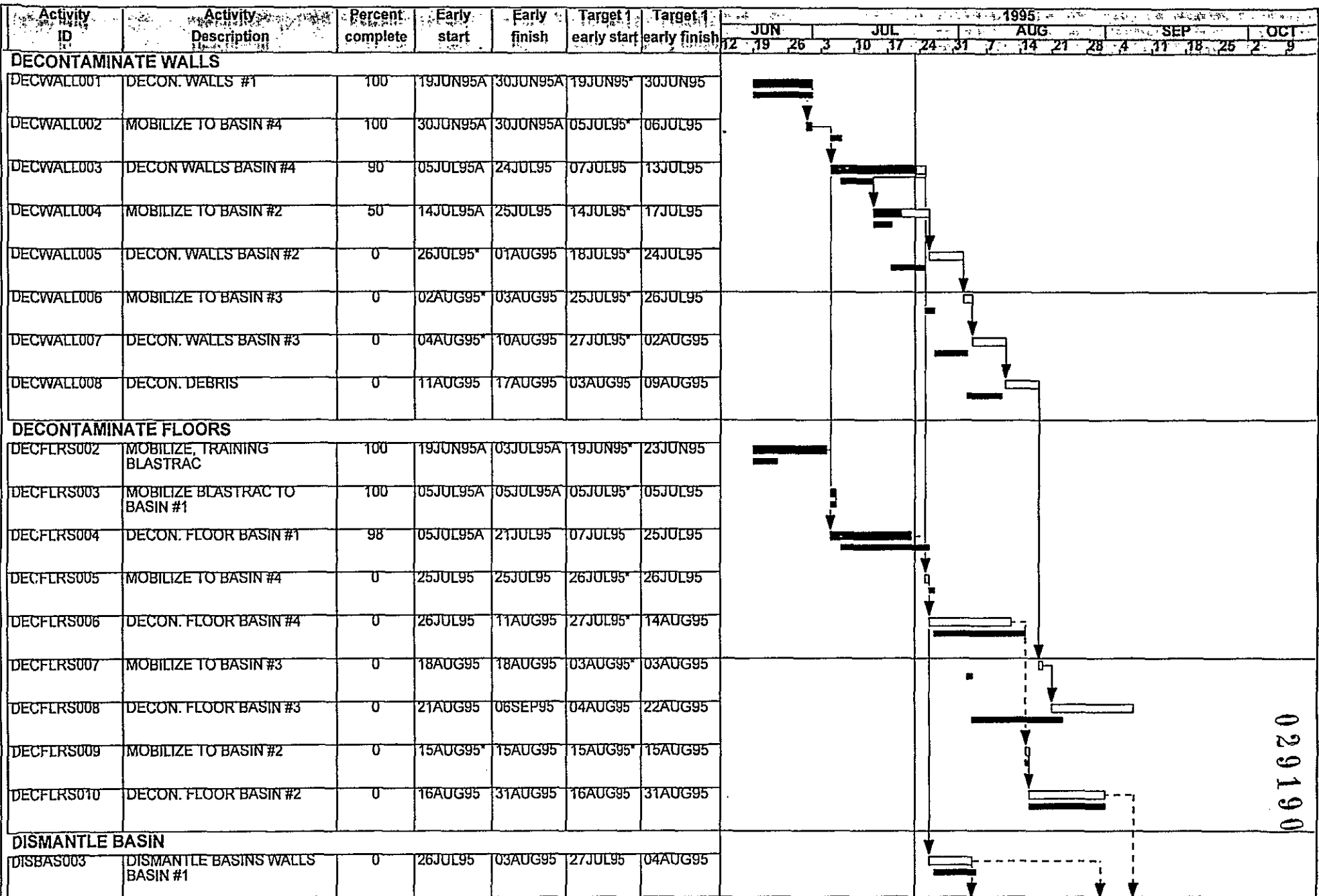
Disposal of basin rainwater. Concurrence of the listed waste letter. J. Badden is working with Dan Duncan for concurrence. Water has been analyzed and the data is being reviewed by ERC for recommendation.

RESOLVED ISSUES

- An appropriate oral RFD for silver is 0.005 mg/(kg*day).
- The Debris Rule will be applied to 183-H basin concrete.
- It is appropriate to use the MTCA method A for cleanup level for lead.

OPEN ISSUES

- Action Items in Unit Managers Meeting minutes
- RCRA/CERCLA integration of soil closure activities
- Re-validation of vadose zone data
- Listed Waste Letter: Dangerous waste designation of concrete surface zone, and soil?
- Cleanup level for nitrate (pending, ERC)



Project Start		12JUN95		183R		Sheet 1 of 2	
Project Finish	29SEP95						
Plot Date	23JUL95						
Plot Date	26JUL95						
(c) Primavera Systems, Inc.							

ERC Team

183-H RECOVERY SCHEDULE

Construction Schedule

Date	Revision	Checked	Approved

029190

Activity ID	Activity Description	Percent complete	Early start	Early finish	Target 1 early start	Target 1 early finish	1995																							
							JUN			JUL			AUG				SEP				OCT									
							12	19	26	3	10	17	24	31	7	14	21	28	4	11	18	25	2	9						
DISBAS001	DISMANTLE BASIN WALLS BASIN #4	0	04AUG95	14AUG95	07AUG95	15AUG95																								
DISBAS007	DISMANTLE REMAINING WALLS	0	31AUG95	06SEP95	31AUG95	06SEP95																								
DISBAS008	DISMANTLE FLOORS	0	07SEP95	29SEP95	07SEP95	29SEP95																								

Project Start 12JUN95 ☐ A

Project Finish 29SEP95 ☐ Early Bar

Data Date 23JUL95 ☐ Progress Bar

Plot Date 26JUL95 ☐ Critical Activity

(c) Primavera Systems, Inc.

183R

ERC Team
183-H RECOVERY SCHEDULE
Construction Schedule

Sheet 2 of 2

Date	Revision	Checked	Approved

DISTRIBUTION

J. W. Badden	BHI	H9-11
J. M. Bruggeman	RL	H0-12
R. E. Cordts	Ecology - Lacey	
C. W. Hedel	BHI	H0-17
R. G. Hollenbeck	ICF KH	G3-17
P. K. Jackson	BHI	X5-53
M. N. Jaraysi	Ecology - Kennewick	B5-18
J. J. McGuire	BHI	X5-53
M. A. Mihalic	BHI	X5-53
L. R. Miller	CHI	X5-53

ADMINISTRATIVE RECORD: 183-H Solar Evaporation Basins Closure, T-1-4 [Care of EDMC, WHC (H6-08)]

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